

SpecificationRECEIVED
CENTRAL FAX CENTER

SEP 13 2006

Please amend the specification as follows.

In paragraph 0023:

[0023] Figure 4 illustrates a functional block diagram 10 of the present invention. A multiplex (MUX) driver 12 sends data to an image array 14 and transceives data from a firmware decisions and controller 16. The output of the image array 14 is received by row and column sense amplifiers 18. The data is sent to current ~~read~~ random access memory (RAM) 20 and bidirectionally communicates with a ~~Firmware~~ firmware decisions and controller 16. A serial port 22 bidirectionally ~~communication~~ communicates with the firmware decisions and controller 16. A cross-correlator 24 receives and processes data from the current RAM 20, reference RAM 26, and predictor 28. The result is received by the interpolator 30 that in turn sends it to the predictor 28 and the firmware decisions and controller 16.